

## Timothy David Voisich

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### EDUCATION

#### University at Buffalo, The State University of New York

Bachelor of Science, Computer Science

May 2020

**Relevant Coursework:** Data Structures, Algorithms and Complexity, Computer Security, Systems Programming, Software Engineering, Intro to Microprocessors, Web Applications,

#### Suffolk County Community College

Associates Degree, Liberal Arts

May 2017

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### PROJECTS

#### Social Media Site

Spring 2020

- Worked in a team of to develop a social media site from scratch with agile development
- Developed the base site with HTML, CSS and JavaScript with some AJAX functions
- Wrote the web server in Python using Django as a framework for all functionality

#### Codenames

Spring 2018

- Worked in a team of 5 for a semester long project using agile development
- Created the game Codenames using Java
- Developed the interface with an emphasis in GUI

#### Frogger

Spring 2019

- Worked with a partner to create the classic game Frogger
  - Developed the entire project using ARM assembly
  - Programmed to run and interact with a Tiva C series TM4C123G processor
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### SKILLS

**Web Technologies:** HTML5, CSS3, AJAX

**Programming:** Java, Python, C++, C, JavaScript, ARM/MIPS, Android Development

**Databases /Frameworks:** SQL, Firebase, Django

**Technical Skills:** x86/x64, GDB, OOP, IDS/IPS, Unit Testing, Wireshark, Windows/Linux, TCP, Git

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### EXPERIENCE

#### The Coder School, Amherst, NY

*Coding Coach*

September 2019 – December 2019

- Taught classes on the foundations of computer science and programming languages
  - Developed games and projects with students along with lesson plans that I created
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### ACTIVITIES

- Member - ACM, Association for Computing Machinery 2017 - 2019
- Volunteered – Classroom assistant for educational summer school 2010 - 2015